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Fig. 6.

The Stone of *Antony Germain*, of half its natural Size, view'd by its posterior Surface, which lay on that of the Bladder represented by Fig. 5.

E, The posterior End of the Stone.

F, The anterior End answering to the Neck of the Bladder.

gg, The circular Furrow remark'd above.

N. B. The *Catheter*, TAB. IV. Fig. 1. and 2. is figured, and a short Account given of it, in the *Med. Essays*, Vol. V. p. 466.

C. M.

XII. *Abstract of a Letter from Monsieur De Bozes, Professor of Experimental Philosophy, at the Academy of Wirtemberg, to Monsieur De Maizau. Communicated by Mr. Baker from Mr. Ellis, and translated out of the Latin by Mr. Baker.*

Read May 23. 1745.

A Hollow Globe of Glass, of six or eight Inches Diameter, being swiftly turned round upon its *Axis*, by means of a large Wheel, in the Manner Mr. *Haukesby* formerly advised; and being rendered as electrical as possible by the Application of a dry woollen Cloth, or rather of a very dry Hand; if, whilst in this swift Rotation, it be brought near the End of an iron Bar, suspended by Strings of Silk that are exceedingly well dried, such an electric Power will be communicated to the Iron, that, upon touching the other End of it with one's Finger, not only Sparks of Fire, in the usual

usual Manner, will be emitted very briskly, but even Blood will be drawn from the Finger; the Skin of which will be burst, and a Wound appear as if made by a Caustic.

2. If highly rectify'd Spirit of Wine heated in a Spoon, the ethereal Spirit of *Frobenius*, Oil of Turpentine, Sulphur, Pitch, or Resin melted, be applied to the iron Bar, instead of one's Finger, the Sparks proceeding therefrom will set it on Fire instantly.

3. A Chair being suspended by Ropes of Silk, made perfectly dry, a Man placed therein is render'd so much electrical by the Motion of the above-mentioned Globe, that, in the dark, a continual Radiance, or *Corona* of Light, appears incircling his Head, in the manner Saints are painted.

4. If several such-like Globes, or electric Tubes, are brought near the Man suspended in the Chair, the Motions of the Heart and Arteries are very sensibly increased; and if a Vein be opened under the Operation, the Blood that comes from it appears lucid like *Phosphorus*, and runs out faster than when the Man is not electrify'd.

5. Water, in like manner, spouting from an artificial Fountain suspended by silk Lines, scatters itself in luminous little Drops; and a larger Quantity of Water is thrown out, in any given Time, than when the Fountain is not made electric.

N. B. If three, four, or five Globes be employed, the Effect will be proportionably better: And Monsieur *L'Abbé Nollet* has found, that Globes or Tubes made of Glass, coloured blue with *Zaffer*, are preferable to others; for when the Glass is blue, the Experiments succeed in all Weathers;

Weathers; whereas, in damp Weather, the white Glass loses much of its electric Power.

XIII. *A Catalogue of the FIFTY PLANTS from Chelsea-Garden, presented to the ROYAL SOCIETY by the Company of Apothecaries, for the Year 1743. pursuant to the Direction of Sir Hans Sloane, Bart. Med. Reg. & Soc. Reg. nuper Præs. By Joseph Miller, Apothecary, Hort. Chelf. Præs. & Prælector Botan.*

Presented May 1051 **A** *Conitum hyemale. Ger. Park.*
30. 1745.

- 1052 *Arbutus folio ferrato. C. B.*
- 1053 *Arum venis albis, lituris nigris maculatum.*
Hort. R. Par.
- 1054 *Asteroides Alpina, falicis folio. Tourn.*
- 1055 *Barbarea, J. B. flore simplici. Park.*
- 1056 *Blitum perenne: Bonus Henricus. J. B. G.*
- 1057 *Canella alba Off. Cort. Winterannus vulgo.*
- 1058 *Cardiaca, flore canescente. Amman.*
- 1059 *Convolvulus cœruleus minor Hispanicus. Park.*
- 1060 *Cyperus odoratus radice longa. C. B.*
- 1061 *Cyperus rotundus esculentus angustifolius. Ibid.*
- 1062 *Cytisus incanus, siliquis falcatis. C. B.*
- 1063 *Cytisus glaber foliis subrotund. pediculis brevissimis. Ibid.*
- 1064 *Draba siliquis donata. C. B.*
- 1065 *Fagopyrum vulgare erectum. Tourn.*